**Fun with Basic Formulas & Functions**

**Directions:** Practice using functions to write formulas for the following 10 statements.

|  |  |  |
| --- | --- | --- |
| **Practice using formulas and functions for the items below** | | |
| 1 |  | Add the range of cells A1:B10 |
| 2 |  | Divide A2 by the sum of the range of cells in A10 through C10 |
| 3 |  | Find the highest number in the cell range A1:C10 |
| 4 |  | Subtract B8 from the sum of cells C1 through C10 |
| 5 |  | Multiply A6 by the sum of cells A1 through C10 and then divide the result by A2 |
| 6 |  | Find the lowest number in the cell range A1:A10 |
| 7 |  | Calculate the average of cells C1:C10 |
| 8 |  | Multiply the sum of the range of cells A7 through B10 by the sum of the range of cells B2 through C9 |
| 9 |  | Find the average of all data in the spreadsheet (A1:C10) |
| 10 |  | Subtract C10 from the sum of the cells in the range A1 through A10 |

**Got all 10? Turn the sheet over and follow the directions to check your answers.**

To check your answers:

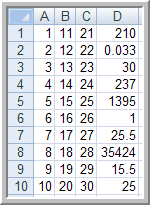
1. Open a new blank spreadsheet and enter the data in Table 1 (below) in the exact cell locations as shown.

2. Try out your formulas by keying them in cells D1:D10 of the spreadsheet you just created.

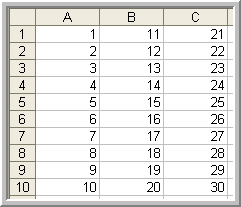
3. Check the accuracy of your work against the answers in Column D of Table 2 (below).

4. On the front of this sheet, mark which formulae were correct, and which had errors. (Use an X for incorrect, and a check mark for correct.)

5. In the space below, rewrite your incorrect formulae so they will give you the expected results.



**Table 2 :** Are your answers the same as those in Column D here?



**Table 1:** Enter these numbers in a new spreadsheet

|  |  |
| --- | --- |
| Formula # | Should have read |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |